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FEEDING STUFFS REPORT

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FOR THE YEAR
1947

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Department of Agriculture
Harrisburg

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Feeding Stuffs Report

1947

Introduction

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs. Accordingly, during the year ending December 31, 1947, 455 official samples were obtained by agents of the Bureau throughout the Commonwealth. Of the total number of samples collected, 438 were selected for analysis.

Each and every feeding stuff sold within this Commonwealth is required to be properly labeled, giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat, and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1947, 298 special samples of feeding stuffs were submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only, for a fee of \$1 per sample. The results of analyses of such special samples submitted are not included in this report. The total number of official and special samples analyzed during the year 1947 was 736.

The 438 official samples analyzed were registered by 158 manufacturers and represented 15 classes and 404 brands as follows:

<i>Classes</i>	<i>Samples</i>
Oil Cake By-Products	7
Distillery and Brewery By-Products	1
Maize By-Products	1
Wheat Offal	12
Alfalfa Meal	4
Oat By-Products	2
Dried Citrus Pulp	1
Proprietary Dairy Feed	75
Proprietary Stock, Horse and Mule Feed	9
Proprietary Calf Meal	5
Proprietary Swine Feed	60
Proprietary Chop Feed	2
Proprietary Mash Feed	227
Proprietary Small Animal Feed	19
Animal By-Products	13
 Total	 438

Brands Registered

Each brand of feeding stuffs is required to be registered annually, and application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

0 to 150 tons, each	\$ 5.00
Over 150 tons to 300 tons, each	10.00
Over 300 tons to 500 tons, each	15.00
Over 500 tons, each	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5 each, it being unnecessary to submit a tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1947 sales, 5,110 brands of feeding stuffs were registered and 1,388 licenses were issued to 1,073 manufacturers.

Conclusions

Of the 438 official samples analyzed, 75 or 17.10% were deficient in protein or fat and contained fiber in excess of the tolerances provided, 32 samples or 7.31% were found deficient in protein, 14 or 3.20% deficient in fat, and 29 or 6.62% exceeded guarantees for fiber.

The consumer of a feeding stuff purchases the product under certain guarantees and labeling, and naturally expects that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the Director, Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSIS AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAMPLES	BRANDS	GUARAN- TEED	PROTEIN %	FAT %	FIBER %	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Cottonseed Oil Meal	4	4	4	37.77	6.90	10.88	98.78	---	---	1
Linseed Oil Meal	1	1	1	33.88	4.06	8.00	98.00	---	---	---
Soybean Oil Meal	2	1	1	42.66	4.61	6.21	106.00	---	---	---
Brewer's Dried Grains	1	1	1	26.25	7.66	13.93	66.00	---	---	---
Hominy Feed	1	1	1	11.13	7.32	3.94	85.00	---	---	---
Wheat Bran	6	5	6	14.81	4.57	13.88	73.40	1	1	---
Wheat Middlings	6	5	6	15.52	4.33	4.61	72.40	1	1	---
Alfalfa Meal	4	2	4	18.19	3.02	25.22	60.00	4	---	1
Pulverized Whole Oats	1	1	1	12.50	5.23	11.27	89.00	---	---	---
Reground Oat Hulls	1	1	1	4.38	1.63	29.81	46.00	---	---	---
Dried Citrus Pulp	1	1	1	6.25	3.29	13.89	60.00	---	---	1
Proprietary Dairy Feed	75	68	75	21.40	4.21	8.25	82.31	5	---	2
Proprietary Stock, Horse and Mule Feed	9	9	9	12.15	3.99	6.96	87.36	---	---	2
Proprietary Calf Feed	5	5	5	20.69	4.08	5.35	105.48	---	---	---
Proprietary Swine Feed	60	57	60	17.90	4.28	7.11	85.49	2	3	11
Proprietary Chop Feed	2	2	2	11.32	3.51	8.44	73.50	---	---	---
Proprietary Mash Feed	227	212	227	19.88	4.49	6.62	94.23	8	5	8
Proprietary Small Animal Feed	19	18	19	16.01	3.60	1.37	---	3	4	3
Meat and Bone Scraps	8	6	7	46.38	9.60	1.70	117.13	---	---	---
Fish Meal	1	1	1	40.06	5.51	11.86	---	---	---	---
Blood Meal	1	1	1	72.13	2.51	1.09	158.75	1	---	---
Tankage	3	2	3	47.31	9.90	1.31	110.83	2	---	---
TOTAL	438	404	437	---	---	---	---	32	14	29

Key to Table II Showing Analyses of Official Samples

Table II shows in detail the results of analyses under the various classifications, together with their guarantees.

Columns are provided for the found and guaranteed protein, fat and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and sub-headings:

OIL CAKE BY-PRODUCTS including Cottonseed Meal, Linseed Oil Meal, and Soybean Oil Meal.

DISTILLERY AND BREWERS' BY-PRODUCTS

MAIZE BY-PRODUCTS including Hominy Feed.

WHEAT OFFAL (with and without Ground Grain Screenings) including Wheat Bran and Wheat Middlings.

ALFALFA MEAL

OAT BY-PRODUCTS including Pulverized Whole Oats and Reground Oat Hulls.

DRIED CITRUS PULP

PROPRIETARY MIXED FEEDS including Dairy Feed, Stock, Horse and Mule Feed, Calf Feed, Swine Feed, Chop Feed, Mash Feed, and Small Animal Feed.

ANIMAL BY-PRODUCTS

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

10-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>OIL CAKE BY-PRODUCTS</u>							
<u>Cottonseed Meal</u>							
ASHCRAFT-WILKINSON COMPANY Atlanta, Ga.							
Cow-Ete Brand 41% Protein Cottonseed Meal (406)	39.38	41.00	6.01	5.00	10.94	13.00	-----
EASTERN GRAIN GROWERS Hagerstown, Md.							
Magic Prime Cotton Seed Meal (34)	34.63	36.00	6.47	4.00	*13.65	12.00	-----
MARIANNA SALES COMPANY Memphis, Tenn.							
White Mule Brand 41% Cotton Seed Meal or Cake (33)	39.19	41.00	6.44	5.00	9.86	13.00	-----
THE SUNSHINE FEED STORES Chambersburg, Pa.							
Cottonseed Meal-Products of Brazil (442)	36.88	36.00	8.68	3.00	9.06	16.00	-----
Average	37.77	----	6.90	----	10.88	----	-----
<u>Linseed Oil Meal</u>							
CARGILL, INCORPORATED Minneapolis, Minn.							
Old Process Linseed Oil Meal (296)	33.88	32.00	4.06	4.00	8.00	9.00	-----
Average	33.88	----	4.06	----	8.00	----	-----
<u>Soybean Oil Meal</u>							
A. E. STALEY MANUFACTURING CO. Decatur, Ill.							
Staley's 41% Protein Soybean Oil Meal (41)	44.19	41.00	4.77	3.50	6.20	7.00	-----
Staley's 41% Protein Soybean Oil Meal (436)	41.13	41.00	4.44	3.50	6.21	7.00	-----
Average	42.66	----	4.61	----	6.21	----	-----
<u>DISTILLERY AND BREWERY BY-PRODUCTS</u>							
<u>Brewers' Dried Grains</u>							
UNIVERSAL GRAIN COMPANY Newark, N. J.							
Superior Cow Brand Dried Brewers Grains (254)	26.25	26.00	7.66	6.00	13.93	17.00	-----
Average	26.25	----	7.66	----	13.93	----	-----
<u>MAIZE BY-PRODUCTS</u>							
<u>Hominy Feed</u>							
LAWRENCE MILLING CO. St. Louis, Mo.							
Hominy Feed (295)	11.13	10.00	7.32	6.00	3.94	7.00	-----
Average	11.13	----	7.32	----	3.94	----	-----
<u>WHEAT OFFAL</u>							
<u>Wheat Bran</u>							
THE ISMERT-HINCKE MILLING CO. Kansas City, Mo.							
I-H Pure Wheat Bran (382)	13.88	15.00	5.03	3.50	10.62	11.00	-----

* Deficient

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
MAUSER MILL COMPANY Treichlers, Pe.		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Meuser's Pure Wheat Bran	(192)	18.06	14.00	5.25	3.50	8.81	12.00	-----
PH. H. POSTEL MILLING CO. Mecoutah, Ill.								
Elegent Wheat Bran	(3)	16.00	14.00	4.52	3.50	9.85	11.00	-----
POTTSTOWN ROLLER MILLS Pottstown, Pa.								
Pottstown Roller Mills Bran	(155)	*13.06	15.00	3.99	3.50	9.07	9.50	-----
Pottstown Roller Mills Bran	(413)	14.56	12.50	4.22	3.00	8.72	10.00	-----
YORK ROLLER MILLS CO. York, Pe.								
Pura Wheat Bran	(409)	13.31	13.00	*3.80	4.40	8.97	9.80	-----
Average		14.81	----	4.57	----	13.88	----	
<u>Wheat Middlings</u>								
MAUSER MILL COMPANY Treichlers, Pa.								
Mauser's Flour Middlings	(194)	16.63	15.00	4.49	4.00	4.49	6.00	-----
Mauser's Pure Standard Wheat Middlings	(193)	19.69	16.00	6.91	3.50	5.88	9.00	-----
PFEFFER MILLING COMPANY Labanon, Ill.								
Soft Wheat Gray Shorts with Ground Wheat Screenings	(383)	14.42	16.00	3.84	4.00	4.39	6.00	-----
POTTSTOWN ROLLER MILLS Pottstown, Pa.								
Pottstown Roller Mills Middlings	(154)	*11.69	15.00	*3.08	3.50	2.64	5.50	-----
Pottstown Roller Mills Middlings	(414)	17.06	11.00	4.01	3.00	6.28	6.00	-----
C. C. REPLOGLE Woodbury, Pe.								
Winter Wheat Middlings	(54)	13.63	15.00	3.64	3.50	3.99	11.00	-----
Average		15.52	----	4.33	----	4.61	----	
<u>ALFALFA MEAL</u>								
INTERSTATE MILLS, INC. Cairo, Ill.								
20% Dehydrated Alfalfa Meal	(150)	*15.25	20.00	2.72	2.00	*27.10	24.00	-----
20% Dehydrated Alfalfa Meal	(151)	*15.06	20.00	3.17	2.00	25.04	24.00	-----
20% Dehydrated Alfalfa Meal	(152)	*14.38	20.00	3.08	2.00	23.42	24.00	-----
SCHOENECK FARMS, INC. Nazareth, Pa.								
Schoenack's Super-Graen Dahydrated Alfalfa Meal	(432)	*12.06	17.00	3.11	2.00	25.32	27.00	-----
Average		18.19	----	3.02	----	25.22	----	

* Deficient

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

200-4-10

TABLE IN ANALYSIS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION		
		Found	Guar.	Found	Guar.	Found	Guar.			
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.			
<u>OAT BY-PRODUCTS</u>										
<u>Pulverized Whole Oats</u>										
NORTHERN SUPPLY COMPANY Amery, Wis.										
Pulverized White Oats	(407)	12.50	11.00	5.23	3.50	11.27	12.00	-----		
Average		12.50	----	5.23	----	11.27	----			
<u>Reground Oat Hulls</u>										
RALSTON PURINA COMPANY St. Louis, Mo.										
Reground Oat Hulls	(408)	4.38	3.00	1.63	1.20	29.81	35.00	-----		
Average		4.38	----	1.63	----	29.81	----			
<u>DRIED CITRUS PULP</u>										
VALLEY DEHYDRATING PLANT McAllen, Texas										
Dried Citrus Pulp	(388)	6.25	5.50	3.29	2.50	13.89	10.50	-----		
Average		6.25	----	3.29	----	13.89	----			
<u>PROPRIETARY MIXED FEEDS</u>										
<u>Proprietary Dairy Feeds</u>										
H. O. ANDREWS & SONS Mapleton Depot, Pa.										
Triple A. 16% Dairy Feed	(248)	15.94	16.00	3.46	3.50	11.36	12.00	-----		
C. D. BELL & SON Hop Bottom, Pa.										
C. D. Bell's Cow Feed	(325)	22.38	20.00	4.13	3.50	8.43	10.00	-----		
BELLEVILLE FLOUR MILLS CO. Bellefonte, Pa.										
Big Valley Dairy Ration	(239)	20.88	19.00	3.85	3.00	10.24	12.00	-----		
Markitop Dairy Belanear	(240)	13.38	14.00	2.08	2.00	4.01	4.00	-----		
BUCK & HUNSBARGER West Point, Pa.										
B. & H. 18% Dairy Feed	(174)	19.94	18.00	4.15	4.00	10.94	10.00	-----		
J. A. CLARK Shamokin, Pa.										
Clark's 20% Dairy Feed	(452)	20.19	20.00	4.43	3.00	9.27	12.00	-----		
Clark's 24% Dairy Feed	(454)	27.06	24.00	3.94	3.00	7.39	12.00	-----		
COLLEGEVILLE MILLS Collegeville, Pa.										
Perkiomen Dairy Feed	(361)	18.38	18.00	4.30	4.00	9.99	12.00	-----		
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.										
30% Dairy Supplement	(297)	32.31	30.00	3.95	3.50	5.22	9.00	-----		
CUMBERLAND VALLEY COOPERATIVE ASSN. Shippensburg, Pa.										
Hub 16% Dairy Feed	(400)	*13.19	16.00	4.03	3.00	12.06	12.00	-----		
DEWALD'S MILL Bloomsburg, Pa.										
Blue Ribbon Dairy 20%	(101)	25.94	20.00	5.22	4.00	7.78	10.00	-----		

* Deficient

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
DIAMOND MILLING COMPANY, INC. New Brighton, Pe.								
Diamond 20% Dairy Ration	(131)	22.81	20.00	4.17	3.25	10.30	11.00	-----
Diamond 24% Dairy Ration	(129)	26.06	24.00	4.31	3.25	6.15	10.00	-----
DUBLIN MILLING COMPANY Dublin, Pa.								
Dublin Dairy Feed	(218)	21.06	18.00	4.09	4.00	8.30	10.00	-----
Dublin Dairy Feed	(422)	20.81	21.00	4.76	4.00	8.64	10.00	-----
EASTERN STATES FARMERS' EXCHANGE West Springfield, Mass.								
Fulpaill	(316)	23.25	20.00	5.08	4.00	7.32	8.00	-----
J. I. ESHELMAN & SONS Greencastle, Pa.								
E.L.M. 16% Dairy Feed	(32)	17.50	16.00	3.11	3.00	9.36	10.00	-----
E.L.M. 16% Dairy Feed	(394)	15.38	16.00	3.40	3.00	11.09	12.00	-----
E.L.M. 24% Dairy Feed	(393)	22.63	24.00	3.56	3.00	10.77	10.00	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Eshelman Red Rose 24 Dairy Feed	(403)	25.56	24.00	4.56	4.00	7.94	11.00	-----
Eshelman Red Rose 24 Dairy Feed	(203)	28.44	24.00	4.59	4.00	6.43	11.00	-----
Eshelman Red Rose 32 Mixing Ration	(405)	33.75	32.00	4.48	4.00	7.48	9.00	-----
FLORY MILLING COMPANY Bangor, Pa.								
Flory 14% All Purpose Dairy Feed	(183)	17.19	14.00	3.72	3.50	8.03	10.00	-----
Flory 20% Dairy Feed	(181)	22.13	20.00	4.09	3.50	7.68	9.00	-----
Flory 32% Dairy Mixing Feed	(182)	32.88	32.00	4.87	4.00	5.89	8.00	-----
PURRY'S MILL Loysburg, Pa.								
Purry's 16% Dairy Feed	(49)	16.00	16.00	3.59	3.50	11.49	12.00	-----
GENERAL MILLS, INC. Detroit, Mich.								
Larro 16% Dairy Feed	(322)	16.94	16.00	4.85	3.00	8.31	12.00	-----
Larro 20% Dairy Feed	(323)	22.44	20.00	4.47	3.00	8.16	12.00	-----
GOLDEN'S MILL Springville, Pe.								
Dairy Feed	(339)	19.19	18.00	4.16	4.00	5.95	10.00	-----
S. H. GOSS Lewistown, Pa.								
Mt. Rock 18% Dairy Ration	(243)	*15.25	20.00	4.32	4.00	10.18	10.00	-----
I. B. HEIMBACH & SON East Greenville, Pa.								
18% Special Dairy Feed	(349)	19.06	18.00	4.69	3.50	9.29	11.00	-----
HESPENHEIDE & THOMPSON, INC. York, Pa.								
Premier 20% Dairy Feed	(410)	21.13	20.00	4.47	3.50	7.47	11.00	-----
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.								
Tru-Mix 20% Dairy Ration	(343)	21.13	20.00	4.00	4.00	8.05	9.00	-----
HUNTSINGER'S MILL Hogins, Pa.								
Quality Dairy Ration	(81)	20.25	20.00	4.67	4.00	7.30	8.00	-----
F. W. HUTCHINSON & COMPANY New Castle, Pa.								
Hutchinson 20% Dairy	(148)	22.81	20.00	4.71	3.75	9.47	11.00	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. P. KRATZ & SONS Schuonksville, Pa.								
Ideal Dairy Feed	(434)	20.81	20.00	3.67	4.00	9.98	10.00	-----
Ideal Dairy Feed	(359)	19.94	20.00	4.57	4.00	*11.39	10.00	-----
LEHMASTER ELEVATOR COMPANY Lemasters, Pa.								
Parnoll Dairy Feed	(11)	20.75	18.00	3.45	3.50	5.03	9.00	-----
J. R. LEWIS Orson, Pa.								
J. R. L. Dairy Ration	(336)	22.38	20.00	3.77	3.00	7.49	10.00	-----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.								
Hi-Test Dairy Feed	(4)	23.06	20.00	3.52	3.50	9.32	12.00	-----
Hi-Test Dairy Feed	(384)	19.69	18.00	4.39	3.50	10.47	12.00	-----
MARTINSBURG MILLING COMPANY Martinsburg, Pa.								
Blue Ribbon Dairy Feed	(73)	21.58	20.00	3.96	4.00	9.78	12.00	-----
MAUSER MILL COMPANY Trechlers, Pa.								
Mauser's 18% Dairy Feed	(195)	23.38	18.00	5.51	3.50	6.52	10.00	-----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSN. Souderton, Pa.								
16% Milk Maker	(169)	18.00	16.00	4.34	3.50	6.61	10.00	-----
MOTER & SON Souderton, Pa.								
M. & S. Dairy Feed	(162)	22.44	19.50	4.73	3.00	9.21	11.50	-----
MYCE'S SUPPLY YARDE New Britain, Pa.								
Gilt Edge 32% Dairy Ration	(160)	32.81	32.00	3.96	3.50	6.23	8.50	-----
OWAKE & OLIVER Greencastle, Pa.								
Antrim 16% Dairy	(28)	*14.00	16.00	2.96	3.00	9.59	12.00	-----
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC. Harrisburg, Pa.								
P. F. B. 20% Milk Maker	(205)	20.83	20.00	4.87	3.50	6.67	10.00	-----
P. F. B. 32% Milk Maker	(122)	33.56	32.00	4.64	3.50	7.18	10.00	-----
P. F. B. 24% Milk Maker	(167)	26.81	24.00	4.54	3.50	7.30	10.00	-----
PINE RUN FARM SUPPLY Doylestown, Pa.								
Pine Run 16% Dairy	(257)	15.38	16.00	4.17	3.50	8.97	12.00	-----
Pine Run 24% Dairy	(258)	23.81	24.00	4.21	3.50	8.13	10.00	-----
PRINEX MILLS Glenside, Pa.								
Prinex Cow Feed	(261)	21.69	20.00	3.58	3.50	8.06	8.00	-----
THE QUAKER OATS COMPANY Chicago, Ill.								
Ful-O-Pep 16% Dairy Ration	(48)	17.69	16.00	4.33	3.50	6.79	11.00	-----
RALSTON PURINA COMPANY St. Louis, Mo.								
New York 20% Dairy Ration	(285)	*17.19	20.00	3.98	3.00	*10.11	8.50	-----
Purina Cow Chow	(284)	19.81	18.00	4.74	3.00	8.72	10.00	-----
Purina Cow Chow Concentrate	(204)	31.56	32.00	4.44	3.00	5.16	9.00	-----
Purina Dry and Freshening Chow	(286)	13.75	12.50	4.03	2.00	9.10	14.00	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
SHELLY BROTHERS Parkesia, Pa.							
Shelly Bros. Quality 20% Dairy Feed (215)	21.94	20.00	4.86	4.00	7.73	9.00	-----
R. A. SMITH MILLING COMPANY Northampton, Pa.							
Blue Band 24% Dairy Feed (113)	25.81	24.00	4.45	4.50	7.85	9.00	-----
Blue Band 33% Dairy Feed (112)	32.75	33.00	3.99	3.50	5.16	8.00	-----
ESTATE OF GEO. S. SNYDER Hatfield, Pa.							
Snyder's Quality Dairy Feed (170)	19.31	17.00	4.08	3.00	8.24	8.75	-----
SOMERSET MILLING COMPANY Somerset, Pa.							
Just Right 20% Dairy Ration (309)	20.75	20.00	4.56	4.00	7.33	9.00	-----
SPENCER MILLING COMPANY Thompson, Pa.							
Spencer's 18% Dairy (337)	19.38	18.00	4.81	3.50	9.03	10.00	-----
STEARNS MILLS Kingslay, Pa.							
Stearns Special Dairy Ration (331)	19.69	18.00	4.07	4.00	8.81	10.00	-----
EDWIN F. STOVER ESTATE Parkesia, Pa.							
Stovar's 18% Dairy Feed (211)	18.00	18.00	4.08	3.25	8.44	12.00	-----
SWINGLE BROTHERS Lake Ariel, Pa.							
Direct 20% Dairy Ration (347)	19.75	20.00	3.70	3.50	9.08	10.00	-----
JACOB TRINLEY & SONS, INC. Linfield, Pa.							
Trinley's 20% Dairy Feed (273)	*17.19	20.00	3.82	4.00	6.57	11.00	-----
Trinley's 20% Dairy Feed (423)	18.81	20.00	4.22	4.00	7.98	11.00	-----
VANDERVORT MILLS Laceyville, Pa.							
Vandervort's 16% Dairy Ration (291)	15.06	16.00	4.14	4.00	11.73	11.00	-----
Vandervort's 16% Special Dairy Ration (292)	16.19	16.00	4.08	4.00	6.91	8.00	-----
Vandervort's 20% Special Dairy Ration (290)	20.63	20.00	4.54	4.00	7.83	8.00	-----
Vandervort's 20% Special Dairy Ration (340)	20.69	20.00	4.50	4.00	6.76	8.00	-----
WAYMART MILLING COMPANY Waymart, Pa.							
W. M. C. Dairy Ration (327)	22.50	20.00	4.53	3.50	6.87	10.00	-----
C. E. WOOLEVER R.P.D. No. 1, Catawissa, Pa.							
Millgrove 18% Dairy Feed (90)	22.25	18.00	3.56	2.50	7.36	9.50	-----
Average	21.40	----	4.21	----	8.25	----	
<u>Proprietary Stock, Horse and Mule Feed</u>							
BUCK & HUNGBERGER West Point, Pa.							
B. & H. Borsa Feed (175)	11.56	10.00	3.68	4.00	*7.91	7.00	-----
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
Fitting Ration (298)	13.00	12.00	4.07	3.50	6.13	10.00	-----
Horse Feed (303)	12.63	9.00	4.00	3.50	6.27	9.00	-----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
EASTERN STATES FARMERS' EXCHANGE West Springfield, Mass.							
Stock Feed (319)	13.88	12.00	4.59	3.00	4.50	6.50	-----
J. I. ESHLEMAN & SONS Greencastle, Pe.							
E.L.M. Horse Feed (395)	11.25	11.00	3.47	3.50	5.67	9.00	-----
R. A. SMITH MILLING COMPANY Northampton, Pe.							
Reson's Stock Feed (110)	10.75	10.00	3.82	3.00	*9.27	6.00	-----
JACOB TRINLEY & SONS, INC. Linfield, Pe.							
Supreme 85% Horse Feed (276)	10.69	9.00	3.56	2.50	8.29	11.00	-----
VANDERVORT MILLS Leceyville, Pe.							
Molesses Horse Feed (293)	12.19	10.00	4.16	3.50	6.57	7.00	-----
Vandervort's Fitting Ration (342)	13.44	12.00	4.56	4.00	8.00	8.00	-----
Average	12.15	----	3.99	----	6.96	----	
<u>Proprietary Calf Feed</u>							
COOPERATIVE G.L.F. MILLS, INC. Buffelo, N. Y.							
Calf Starter (302)	19.63	18.00	4.02	3.00	7.02	9.00	-----
EASTERN STATES FARMERS' EXCHANGE West Springfield, Mass.							
Calf Starter (321)	23.75	23.00	4.33	3.50	5.78	7.00	-----
FLORY MILLING COMPANY Bangor, Pe.							
Flory Dry Calf Starter (185)	20.19	18.00	4.31	3.50	4.83	7.50	-----
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC. Harrisburg, Pe.							
P. F. B. Calf Meal (207)	19.75	20.00	3.37	3.50	3.62	4.50	-----
RALSTON PURINA COMPANY St. Louis, Mo.							
Chowmix Starting Feed (15)	18.06	17.00	4.39	3.50	5.50	7.00	-----
Average*	20.69	----	4.08	----	5.35	----	
<u>Proprietary Swine Feed</u>							
ANCHOR MILLS Bethlehem, Pe.							
Anchor Hog Feed (117)	17.00	16.00	4.09	2.00	5.96	7.00	-----
H. O. ANDREWS & SONS Mepleton Depot, Pe.							
Pig & Hog Meal (247)	17.38	16.00	4.27	4.00	8.81	9.00	-----
RAYMOND J. BAER R.F.D. No. 4, Weynesboro, Pa.							
Beers Hog Feed (62)	17.13	17.13	4.47	4.47	5.35	5.35	-----
Beers Mester Hog Feed (63)	19.50	19.50	3.92	3.92	3.73	3.73	-----
BARE MILLING COMPANY Roering Spring, Pe.							
Sterling Pig & Hog Meal (69)	14.81	16.00	*3.46	4.00	9.08	9.00	-----
BELLEVILLE FLOUR MILLS COMPANY Belleville, Pe.							
Blue Ribbon Pig Meal (236)	17.75	16.00	3.66	3.50	10.03	12.00	-----
* Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
YARDLEY MILL J. A. CADWALLADER Yerdley, Pe.								
Afton Pig Grower	(225)	16.75	15.00	2.47	2.00	6.93	8.00	-----
COOPERATIVE MILLS, INC. Menheim, Pe.								
P.F.E. 40% Porkmaker	(206)	40.94	40.00	7.15	3.00	6.04	7.00	-----
CUMBERLAND VALLEY COOPERATIVE ASSN. Shippensburg, Pe.								
Acorn Hog Feed	(399)	12.19	12.00	3.28	3.00	6.21	12.00	-----
DIBERT & DIEHL Bedford, Pe.								
Special Hog Chop	(42)	15.06	14.00	3.58	3.50	5.63	9.00	-----
EASTERN STATES FARMERS' EXCHANGE West Springfield, Mess.								
Hog Supplement	(318)	36.06	36.00	4.61	3.00	7.14	11.00	-----
EAST FAYETTEVILLE ELEVATOR COMPANY Fayetteville, Pa.								
Superior Pig Meal	(61)	*14.75	18.00	3.46	2.00	6.48	7.00	-----
J. I. ESRLEMAN & SONS Greencastle, Pe.								
E. L. M. Sure Curl Pig Meal	(30)	20.56	18.00	3.59	3.50	7.81	9.00	-----
FLORY MILLING COMPANY Bengor, Pe.								
Flory Hog Feed	(179)	17.81	16.00	4.54	4.00	9.67	9.00	-----
FORSHEY'S FEED & GRAIN MILL Martinsburg, Pe.								
Forshey's Pig & Hog Feed	(76)	18.50	16.00	5.58	3.50	6.64	7.00	-----
FURRY'S MILL Loysburg, Pa.								
Furry's Pig Meal	(51)	17.63	18.00	4.50	4.00	6.50	8.00	-----
G & M FEED & SUPPLY COMPANY R.F.D. Chambersburg, Pe.								
G & M Feeds Pig Meal	(389)	16.88	18.00	4.09	3.50	6.75	8.00	-----
S. H. GOSS Lewistown, Pe.								
Mt. Rock Hog Feed	(241)	16.00	15.00	4.28	4.00	7.31	7.00	-----
F. D. HARTZEL'S SONS CO. Chelfont, Pe.								
Perfection Hog Feed	(419)	15.75	15.00	3.16	2.00	6.65	8.50	-----
HONESDALE FLOUR & FEED COMPANY Honesdale, Pe.								
Tru-Mix Pig Feed	(344)	*14.25	16.00	4.75	4.00	7.97	9.00	-----
H. B. KRATZ & SONS Schwenksville, Pe.								
Ideal Pig & Hog Feed	(360)	17.44	17.00	4.56	4.00	*9.64	8.00	-----
KERMIT LANEY Huntingdon, Pe.								
Leney's Pig & Hog Meal	(251)	18.63	16.00	5.39	3.50	8.68	11.00	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

20-4-00

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
LEHMASTER ELEVATOR COMPANY Lemasters, Pa.								
Parnell Hog Feed	(10)	14.69	16.00	3.51	3.00	4.85	6.50	-----
A. F. LEIDY • Delphi, Pa.								
Leidy's Hog Feed	(356)	15.06	15.00	3.00	2.00	6.34	8.50	-----
LOYSBURG FEED MILL Loysburg, Pa.								
Producer Brand Pig & Hog Meal	(46)	17.19	16.00	4.14	3.50	8.31	10.00	-----
MARION SUPPLY COMPANY Merion, Pa.								
Marion Hog Feed	(22)	18.38	15.00	3.46	2.00	5.08	8.00	-----
MARTINSBURG MILLING COMPANY Martinsburg, Pa.								
Champion Pig Meal	(71)	18.13	20.00	4.45	4.00	*8.01	6.00	-----
MAUSER MILL COMPANY Treichlers, Pa.								
Mauser's Mixed Hog Feed	(191)	16.06	16.00	4.32	3.00	*6.89	6.00	-----
MECHANICSBURG MILLING COMPANY Mechanicsburg, Pa.								
Brandt's O.K. Pig & Hog Feed	(398)	17.50	18.00	*3.38	4.00	6.19	7.00	-----
MONTGOMERY-BUCKS FARM HUREAU COOPERATIVE ASSN. Souderton, Pa.								
16% Pork Maker	(168)	18.69	16.00	4.47	3.50	4.87	7.00	-----
MOYER & SON Souderton, Pa.								
M. & S. Pig Grower	(164)	18.50	16.00	4.81	4.00	*7.02	8.00	-----
M. & S. Pig Grower	(366)	17.00	15.50	5.18	3.00	6.99	8.00	-----
EDGAR W. MUTH Springtown, Pa.								
Muth's Pig Meal	(265)	14.63	14.00	4.58	3.50	5.67	7.00	-----
NORTHAMPTON FARM HUREAU Tatamy, Pa.								
Farm Bureau Hog Feed	(126)	15.63	14.00	4.31	4.50	5.42	5.00	-----
P. J. OESTERLING & SON, INC. Butler, Pa.								
Pennsylvania State Farmers Hog Ration	(138)	19.44	16.00	4.41	4.00	*11.25	9.00	-----
OMWAKE & OLIVER Greencastle, Pa.								
Antrim Pig Meal	(26)	15.30	17.00	3.00	3.00	6.14	9.00	-----
PHILLIPS FEED & GRAIN SERVICE Germansville, Pa.								
Top Quality Hog Feed	(119)	17.06	16.00	3.62	2.50	*8.04	6.00	-----
POTTSTOWN ROLLER MILLS Pottstown, Pa.								
Pig & Hog Feed	(415)	14.44	15.00	3.94	3.50	5.12	7.50	-----
PRIMEX MILLS Glenside, Pa.								
Primer Pig 'N' Hog	(262)	17.50	16.00	4.96	4.00	*7.95	6.00	-----

* Deficient

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RALSTON PURINA COMPANY St. Louis, Mo.								
Chowmix Hog Feed B	(16)	16.25	14.00	4.58	3.50	5.94	7.00	-----
RICHLAND FEED COMPANY Richlandtown, Pa.								
Richland Pig Meal	(367)	16.88	16.00	4.64	4.00	6.56	7.00	-----
Richland Pig Meal	(427)	17.69	16.00	5.11	4.00	6.49	7.00	-----
RICHMOND ELEVATOR COMPANY Richmond Furneca, Pa.								
Peth Velley Pig & Hog Meal	(40)	17.44	17.00	4.01	4.00	5.76	10.00	-----
ROARING CREEK MILL R.F.D. No. 1, Catawissa, Pa.								
Must Gro Pig & Hog Feed	(93)	19.06	17.00	4.42	4.00	7.59	10.00	-----
S & H FEED COMPANY Quakertown, Pa.								
S & R Hog Feed	(271)	14.06	14.00	4.29	3.50	4.82	7.00	-----
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Sacromill Hcg Feed	(85)	16.63	17.00	5.20	3.00	6.64	7.00	-----
SHANK'S MILL Waynesboro, Pa.								
Shank'a Hog Feed	(20)	17.88	17.00	4.09	3.05	7.21	7.00	-----
SHELLY BROTHERS Perkasia, Pa.								
Shelly Broa. Quality Pig Feed	(214)	19.06	16.50	4.82	4.00	6.46	6.00	-----
R. A. SMITH MILLING COMPANY Northampton, Pa.								
Blue Band Brood Sow & Pig Meal	(109)	17.81	17.00	5.07	3.00	10.16	8.00	-----
Rason's 35% Hog Feed	(111)	34.94	35.00	5.31	4.00	*9.33	7.00	-----
SOMERSET MILLING COMPANY Somerset, Pa.								
Just Right Pig & Hog Meal	(312)	17.44	15.00	3.81	4.00	5.86	6.00	-----
STEARNS MILLS Kingslay, Pa.								
Stearns Hog Ration	(332)	15.63	17.00	4.46	4.00	*9.27	7.00	-----
SWINGLE BROTHERS Laka Ariel, Pa.								
Direct Pig Meal	(348)	15.69	15.00	3.73	4.00	*7.85	7.00	-----
W. B. THOMPSON & SON Waynesboro, Pa.								
Thompson Pig & Hog Meal	(17)	16.13	15.00	*3.24	4.00	8.80	11.50	-----
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Reel Hog Feed	(424)	17.81	18.00	3.68	4.00	7.77	10.00	-----
VANDERVORT MILLS Laceyville, Pa.								
Vandervort'a Hog Fattening Ration	(267)	18.31	16.00	5.59	3.50	6.76	7.00	-----
Vandervort's Hog Fattening Ration	(341)	15.69	16.00	4.98	3.50	*8.83	7.00	-----
WAYMART MILLING COMPANY Weymert, Pa.								
Way-Beet Pig Feed	(328)	20.69	16.00	4.84	4.00	6.59	8.00	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. J. WEIMER, JR. R.F.D. No. 3, Lewistown, Pa.							
Weimer's 18% Hog Feed (245)	17.19	18.00	4.23	3.00	4.88	7.50	-----
WOODBURY MILLING COMPANY Woodbury, Pa.							
"Eat Mor" Pig & Hog Ration (58)	13.63	14.50	4.31	3.00	9.68	10.00	-----
Average	17.90	----	4.28	----	7.11	----	
<u>Proprietary Chop Feed</u>							
C. A. CLABAUGH & SON Everett, Pa.							
Mixed Chop (37)	11.88	8.00	2.96	3.00	8.45	8.00	-----
C. C. REPLOGLE Woodbury, Pa.							
Mixed Chop (53)	10.75	8.00	4.05	2.50	8.42	9.00	-----
Average	11.32	----	3.51	----	8.44	----	
<u>Proprietary Mash Feed</u>							
ADAMS COUNTY FARM BUREAU COOPERATIVE ASSN. Gettysburg, Pa.							
Farm Bureau Special Laying Mash (208)	15.13	16.50	5.25	4.00	7.50	8.00	-----
ANCHOR MILLS Bethlehem, Pa.							
Anchor Chick Starter (116)	18.19	18.00	4.66	2.00	7.00	7.00	-----
Anchor Egg Mash (114)	19.50	20.00	3.80	2.00	7.51	7.00	-----
Anchor Growing Mash (115)	18.38	16.00	4.52	2.00	7.48	7.00	-----
H. O. ANDREWS & SONS Mapleton Depot, Pa.							
Triple A Vitaminized Starter & Grower (249)	16.69	17.00	4.61	4.00	7.26	7.00	-----
ALLIED MILLS, INC. Chicago, Ill.							
Amco Super Starting & Growing Mash (35)	21.69	20.00	4.19	3.00	6.62	8.00	-----
Amco Tip Top Egg Mash (36)	20.75	20.00	4.17	3.00	7.11	10.00	-----
R. S. ALTMAN Irwin, Pa.							
Altman's Buttermilk Growing Mash (306)	16.94	14.00	3.52	3.00	5.32	9.00	-----
Altman's Super A Yeast Egg Mash (307)	23.38	20.00	4.29	3.50	7.91	8.00	-----
Altman's Quality Egg Mash (305)	17.38	15.00	3.50	3.00	5.22	9.00	-----
RAYMOND J. BAER R.F.D. No. 4, Waynesboro, Pa.							
Baers Chick Starter (65)	19.88	19.88	3.41	3.41	5.06	5.06	-----
Baers Growing Mash (66)	17.88	17.88	3.68	3.68	5.06	5.06	-----
Baers Master Laying Mash (64)	19.38	19.38	3.35	3.35	5.52	5.52	-----
BARE MILLING COMPANY Roaring Spring, Pa.							
Sterling Starter & Growing Mash (70)	17.31	16.00	4.08	4.00	5.80	7.00	-----
BEDFORD MILLING COMPANY Bedford, Pa.							
Fort Bedford Economy Layer (43)	20.50	18.00	3.92	3.50	7.70	8.00	-----
Fort Bedford Starter & Grower (45)	17.19	16.00	4.11	3.50	7.85	7.00	-----
Fort Bedford 20% Layer (44)	20.69	20.00	4.39	4.00	7.40	8.00	-----
C. D. BELL & SON Hop Bottom, Pa.							
C. D. Bell's Hen Mash (326)	22.06	20.00	5.02	3.50	6.97	8.00	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BELLEVILLE FLOUR MILLS COMPANY Belleville, Pa.							
Ultra-Lifed 18% Laying Mash (237)	18.44	18.00	4.02	3.75	7.18	10.00	-----
Ultra-Lifed 32% Concentrate Mash (238)	31.13	32.00	4.92	3.75	7.20	8.00	-----
BERKS COUNTY COOPERATIVE ASSOCIATION Temple, Pa.							
Flock Feader (106)	19.88	18.00	4.50	5.00	5.96	6.00	-----
BRISTOL FLOUR, FEED & GRAIN COMPANY Bristol, Pa.							
Pearson's All Mash Starter (156)	16.50	16.00	4.52	3.75	7.04	6.50	-----
Pearson's Growing Mash (157)	16.81	16.00	4.67	4.00	7.20	8.00	-----
JOHN S. BROWN & SON New Castle, Pa.							
Our Quality Laying Mash (144)	20.50	20.00	4.32	4.00	6.61	7.00	-----
BUCK & HUNSEBERGER West Point, Pa.							
B & H 21% Laying Mash (173)	20.38	21.00	4.63	4.00	7.15	8.00	-----
YARDLEY MILL J. A. CADWALLADER Yardley, Pa.							
Afton Starter (224)	20.06	18.00	3.43	2.00	5.54	7.00	-----
F. P. CASSEL'S SON Lansdale, Pa.							
Dependable Turkey Mash Food (372)	*17.31	21.00	5.06	5.50	7.62	8.00	-----
Success Chick Mash Food (371)	*14.56	16.50	5.06	4.50	7.41	7.00	-----
Thrift Egg Mash Food (370)	*16.44	19.00	5.00	4.50	7.52	7.00	-----
CATAWISSA MILLING COMPANY Catawissa, Pa.							
Blue Ribbon Breeder Mash (98)	21.63	20.00	4.51	4.50	6.83	8.00	-----
Kernie's Chick Starter (97)	19.19	18.00	4.72	4.50	6.79	7.00	-----
Kernie's Growing Mash (96)	19.75	18.00	4.43	4.50	7.96	7.00	-----
Kernie's Laying Mash (95)	18.88	18.00	4.31	4.00	7.16	8.00	-----
J. A. CLARK Shamokin, Pa.							
Clark's Laying Mash (453)	22.19	20.00	4.39	3.00	7.18	7.50	-----
E. F. CLEMMER Spring Mount, Pa.							
Clemmer's Special Laying Mash (364)	18.25	19.00	4.38	3.50	6.14	7.00	-----
COLLEGEVILLE MILLS Collegeville, Pa.							
F-143 Perkiomen Flushing Mash (363)	14.63	16.00	2.93	3.00	2.14	4.00	-----
Improved Laying Mash (362)	17.59	18.00	5.58	5.00	6.56	6.00	-----
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
Breeder Mash (304)	19.63	20.00	4.01	2.75	5.38	8.00	-----
Broiler Mash (301)	19.69	20.00	4.44	2.75	6.28	6.00	-----
Laying Mash (299)	19.38	20.00	4.50	2.75	6.39	8.00	-----
60-40 Pallets (300)	18.19	16.00	4.03	2.75	5.74	7.50	-----
CUMBERLAND VALLEY COOPERATIVE ASSN. Shippensburg, Pa.							
Old Reliable Turkey Grower (402)	*16.38	22.00	4.79	4.50	5.85	7.00	-----
Old Reliable Vitamin Fresh Growing Mash (401)	*13.69	17.00	3.89	3.50	6.12	8.00	-----
DARLINGTON MILLING COMPANY Darlington, Pa.							
Darmico Egg Mash (149)	18.13	18.00	5.37	4.50	4.52	6.50	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
DAVIS FEED MILL Rusland, Pa.								
Devis Growing Mesh	(228)	19.80	17.00	4.72	5.00	5.98	7.00	-----
Devis Growing Mesh	(351)	16.69	17.00	5.03	3.50	5.74	6.50	-----
Devis Laying Mesh	(227)	19.94	20.00	5.28	4.00	6.27	7.00	-----
Devis Laying Mesh	(352)	22.06	20.00	6.03	4.00	6.41	7.00	-----
Devis Starter Mash	(226)	20.56	19.00	4.44	5.00	5.26	7.00	-----
Devis Starter Mesh	(353)	19.38	20.00	4.98	4.00	5.44	6.50	-----
DEWALD'S MILL Bloomsburg, Pa.								
Blue Ribbon Laying Mesh	(100)	20.19	20.00	5.13	3.50	6.31	7.00	-----
Blue Ribbon Starter & Grower	(99)	17.94	16.00	4.52	3.50	6.16	7.00	-----
Blue Ribbon Supplement Mesh 40%	(102)	42.13	40.00	6.14	4.00	6.43	9.00	-----
DIAMOND MILLING COMPANY, INC. New Brighton, Pa.								
Diamond Grower Mash	(130)	17.50	16.00	4.66	2.00	7.72	7.00	-----
Diamond Layer Mash	(128)	22.06	20.00	3.69	2.00	7.23	7.00	-----
Diamond Starter Mesh	(127)	20.75	18.00	4.09	2.00	*7.92	7.00	-----
DUBLIN MILLING COMPANY Dublin, Pa.								
Dublin Laying Mesh	(217)	20.25	18.00	5.15	4.40	7.62	7.20	-----
Dublin Laying Mash	(420)	20.19	18.00	5.75	4.40	7.67	7.20	-----
Dublin Sterting & Growing Mash	(219)	19.13	18.00	5.04	4.00	*7.81	5.25	-----
Dublin Sterting & Growing Mash	(421)	18.56	18.00	5.89	4.00	7.62	8.00	-----
EASTERN STATES FARMERS' EXCHANGE West Springfield, Mass.								
Developer	(317)	21.13	20.00	4.38	2.50	6.23	8.00	-----
Egg Mash	(320)	20.13	20.00	4.54	3.00	7.40	8.00	-----
32% Supplement	(315)	31.06	32.00	5.16	4.00	8.08	8.00	-----
EAST FAYETTEVILLE ELEVATOR COMPANY Fayetteville, Pa.								
Superior Egg Mash	(60)	18.19	18.00	3.17	2.00	6.59	7.00	-----
H. S. EMBODY & SON Perkiomenville, Pa.								
Embodys Laying Mash	(272)	18.44	18.40	*4.61	5.20	8.22	8.00	-----
H. N. EPPINGER & SON New Bedford, Pa.								
Eppinger Laying Mash	(145)	19.88	18.00	4.82	4.00	6.73	7.50	-----
J. I. ESHLEMAN & SONS Greencastle, Pa.								
E. L. M. Speciel Egg Mash	(31)	21.50	20.00	3.91	3.50	7.91	9.00	-----
E. L. M. Speciel Egg Mash	(396)	20.63	20.00	3.88	3.50	7.71	9.00	-----
E. L. M. Chick Starter & Grower	(29)	18.50	18.00	3.91	3.50	7.16	9.00	-----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Eshelman Red Rose Laying Mash	(404)	21.94	20.00	4.29	3.50	6.69	7.50	-----
Eshelman Red Rose Laying Mash	(308)	20.38	20.00	4.53	3.50	7.19	7.50	-----
FARMERS THRIFT MILL OF DURHAM, INC. Durham, Pa.								
Riegel's Egg Mash	(232)	19.50	20.00	4.05	3.00	7.17	7.00	-----
Riegel's Starter & Grower	(231)	20.06	18.00	3.53	2.00	7.41	7.00	-----
FLORY MILLING COMPANY Bangor, Pa.								
Flory Starter Mash	(176)	20.69	20.00	4.54	3.50	5.81	7.50	-----
Flory 18% Growing Mesh	(178)	21.06	18.00	5.07	3.50	6.26	7.50	-----
FORSHEY'S FEED & GRAIN MILL Mertinsburg, Pa.								
Forshey's Laying Mash	(75)	20.75	20.00	5.22	4.00	7.30	7.00	-----
Forsbey's Starter & Grower	(74)	15.88	16.00	4.48	4.00	7.18	6.50	-----
* Deficient								

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

10-4-44

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
FURRY'S MILL Loyalsburg, Pa.								
Furry's Chick Mash	(50)	20.00	20.00	3.95	4.00	6.44	6.00	-----
Furry's Economy Egg Mash	(52)	20.38	19.00	5.22	4.00	6.60	7.00	-----
G & M FEED & SUPPLY COMPANY R.F.D. Chambersburg, Pa.								
G & M Feeds Poultry Egg Mash	(390)	19.19	20.00	5.09	4.00	5.95	7.50	-----
G & M Feeds Poultry Starter & Grower	(391)	18.19	18.50	4.92	4.00	6.42	7.50	-----
W. G. GODSHALL Morwood, Pe.								
Godshell's Special Mash	(365)	*13.00	18.00	4.85	4.50	6.62	8.00	-----
S. H. GOSS Lewistown, Pe.								
Mt. Rock Poultry Mash	(242)	18.88	18.00	5.61	4.00	*7.12	6.00	-----
F. D. HARTZEL'S SONS COMPANY Chalfont, Pe.								
Perfection Chick Starter	(418)	18.63	18.00	3.46	2.00	5.91	7.00	-----
Perfection Egg Mash	(416)	20.19	20.00	3.06	2.00	6.93	7.00	-----
Perfection Growing Mash	(417)	17.69	16.00	3.36	2.00	5.31	7.00	-----
I. B. HEIMBACH & SON East Greenville, Pe.								
Victory Egg Mash	(350)	17.50	16.50	4.38	4.00	6.37	6.50	-----
HONESDALE FLOUR & FEED COMPANY Honesdala, Pe.								
Tru-Mix Laying Mash	(345)	18.25	18.00	4.83	5.00	6.54	6.50	-----
HUNTSINGER'S MILL Begins, Pa.								
Quality Egg Mash	(79)	18.63	20.00	5.22	4.00	6.67	7.50	-----
Quality Growing Mash	(82)	19.44	18.00	5.04	4.00	5.90	7.50	-----
Quality Starting Mash	(80)	21.13	20.00	5.16	4.00	6.81	7.50	-----
HUBBARD MILLING COMPANY Ambridge, Pa.								
Hubbard's Sunshine Concentrate	(8)	32.63	32.00	*3.07	3.50	5.53	7.00	-----
W. RUSSELL KENDALL Webster Mills, Pa.								
Kendall's Egg Mash	(67)	21.94	18.00	3.08	2.00	6.55	7.00	-----
Kendall's Starter & Grower	(68)	19.69	18.00	3.45	3.00	5.73	7.00	-----
H. B. KRATZ & SONS Schwenksville, Pa.								
Ideal Laying Mash	(357)	19.81	19.00	4.71	4.00	8.33	8.00	-----
Ideal Laying Mash	(433)	18.56	19.00	4.77	4.00	6.66	8.00	-----
Ideal Starting & Growing Mash	(358)	18.94	20.00	4.64	4.00	8.11	8.00	-----
KERMIT LANEY Huntingdon, Pa.								
Laney's Pennsylvania Mash	(250)	20.38	18.00	5.42	3.50	8.85	11.00	-----
LEHMASTER ELEVATOR COMPANY Lemasters, Pa.								
Pernell Starter & Grower	(12)	18.19	18.50	4.28	4.25	5.58	6.50	-----
A. P. LEIDY Delphi, Pa.								
Leidy's Chick Starter	(354)	17.19	18.00	3.76	2.00	5.43	7.00	-----
Leidy's Egg Mash	(355)	16.69	18.00	3.64	2.00	6.54	7.00	-----

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
J. B. LEWIS Oregon, Pe.								
Orson Egg Mash	(335)	20.31	20.00	3.39	2.00	5.73	7.00	-----
MARION SUPPLY COMPANY Marion, Pa.								
Marion Chick Starter	(24)	18.13	18.00	3.57	2.00	6.14	7.00	-----
Marion Egg Mash	(23)	20.44	20.00	2.92	2.00	6.43	7.00	-----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.								
B-B Starter & Growing Betion	(2)	20.94	18.00	4.11	3.00	5.82	8.00	-----
Dollar Maker Egg Mash	(385)	20.31	18.00	4.54	3.50	8.01	8.50	-----
MARTINSBURG MILLING COMPANY Martinsburg, Pe.								
Champion 20% Egg Mash	(72)	20.75	20.00	4.59	4.00	7.02	7.50	-----
MAUSER MILL COMPANY Treichlers, Pe.								
Mauser's Chick Starter	(187)	19.75	17.00	4.71	4.00	6.66	6.00	-----
Mauser's Chick Starter & Growing Mash	(189)	21.81	21.00	5.38	3.50	7.00	7.00	-----
Mauser's Egg Mash	(190)	20.88	20.00	4.62	4.00	6.48	8.00	-----
Mauser's Growing Mash	(188)	18.81	18.00	4.34	4.00	7.45	7.00	-----
C. B. MCCOMMON New Castle, Pa.								
McCommon's Starter & Grower	(142)	19.31	18.00	4.61	5.00	6.32	6.00	-----
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Master Mix Broiler Mash with Mathio-Vite	(6)	23.44	20.00	3.52	2.50	7.04	7.00	-----
Master Mix 34% Mash Concentrate	(5)	35.50	34.00	1.39	1.50	6.53	9.00	-----
MECHANICSBURG MILLING COMPANY Mechanicsburg, Pe.								
Brandt's O.K. Growing Mash	(397)	15.69	16.00	3.70	4.00	5.89	7.00	-----
MORLOU FARMS Fellsington, Pe.								
Morlou Farms Chick Starter Mash	(221)	20.25	18.00	4.36	4.00	6.16	6.00	-----
Morlou Farms 20% Egg Mash	(223)	23.06	20.00	4.24	4.00	7.79	7.50	-----
Morlou Farms Growing Mash	(222)	18.19	18.00	4.23	4.00	7.25	7.00	-----
Morlou Farms Turkey Starter Mash	(220)	25.88	26.00	5.13	5.00	5.53	6.00	-----
MOYER & SON Souderton, Pe.								
Mash for Laying Hens	(161)	21.44	20.00	5.26	3.50	5.84	7.50	-----
M & S Turkey Starter	(163)	27.25	26.00	5.73	4.00	5.56	7.00	-----
EDGAR W. MUTH Springtown, Pa.								
Muth's Egg Mash	(263)	18.31	17.00	5.04	3.50	5.28	8.00	-----
Muth's Growing Mash	(264)	18.13	16.00	5.04	4.00	5.44	7.00	-----
MYCE'S SUPPLY YARDS New Britain, Pe.								
Gilt Edge Growing Mash	(159)	20.81	18.00	4.32	3.00	7.44	7.50	-----
Gilt Edge Laying Mash	(158)	21.13	20.00	4.71	3.00	6.94	7.50	-----
P. FRED'K OBRECHT & SON Baltimore, Md.								
Obreso Blend	(13)	34.19	32.00	4.11	1.50	2.68	4.00	-----

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

0-4-44

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
P. J. OESTERLING & SON, INC. Butlar, Pa.							
Sun Side Egg Mash No. 1 with Buttermilk (136)	21.31	20.00	5.16	3.00	6.94	7.50	-----
Sun Side Growing Mash (135)	18.75	17.00	4.74	3.00	7.71	8.00	-----
Sun Side 6 V Chick Starter (137)	22.44	20.00	4.47	4.00	7.41	8.00	-----
OWWAKE & OLIVER Greencastle, Pa.							
Antrim Egg Mash (25)	*15.94	18.00	3.95	3.00	6.72	9.00	-----
Antrim Starter & Grower (27)	20.31	18.00	4.83	3.80	6.83	8.00	-----
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC. Harrisburg, Pa.							
P.F.B. Growing Mash (124)	20.69	18.00	4.79	3.50	6.03	7.50	-----
P.F.B. Starting & Growing Mash (105)	21.63	20.00	5.17	3.50	6.27	7.50	-----
P.F.B. Starting & Growing Mash (125)	22.25	20.00	4.87	3.50	6.65	7.50	-----
P.F.B. Starting & Growing Mash (165)	21.31	20.00	4.94	3.50	6.31	7.50	-----
P.F.B. Starting & Growing Mash (104)	22.31	20.00	4.86	3.50	7.32	7.50	-----
P.F.B. Super Breeding Mash (103)	21.63	20.00	4.76	3.50	7.63	7.50	-----
P.F.B. Super Laying Mash (166)	21.50	20.00	4.06	3.50	7.07	7.50	-----
P.F.B. Turkey Starting Mash (123)	24.69	24.00	4.12	3.50	7.06	7.50	-----
PINOLA ELEVATOR COMPANY Shippensburg, Pa.							
Rowa Chick Starter (252)	17.69	18.00	3.06	2.00	4.52	7.00	-----
Rowa Egg Mash (253)	17.44	18.00	2.96	2.00	4.62	7.00	-----
Rowa Egg Mash (386)	22.06	18.00	3.16	2.00	6.45	7.00	-----
Rowa Growing Mash (387)	17.69	16.00	3.15	2.00	6.07	7.00	-----
PHILIPS FEED & GRAIN SERVICE Germansville, Pa.							
Happy Hen Egg Mash (121)	21.81	20.00	4.54	3.50	6.19	7.50	-----
Happy Hen Growing Mash (113)	17.69	16.00	4.44	3.50	7.42	7.50	-----
Happy Hen Starter & Broiler (120)	19.31	18.00	4.44	3.75	7.50	7.50	-----
PINE RUN FARM SUPPLY Doylestown, Pa.							
Pine Run Egg Mash (256)	21.00	20.00	4.94	4.50	6.99	7.00	-----
Pine Run Starter & Grower (255)	18.25	17.00	4.64	4.50	*7.41	6.50	-----
POTTSTOWN ROLLER MILLS Pottstown, Pa.							
Just Right Egg Mash (153)	*17.50	20.00	4.29	4.00	6.31	6.50	-----
PRIMEX MILLS Glenside, Pa.							
Primex Chick Starter (260)	20.19	18.00	4.40	3.00	*8.72	6.00	-----
Primex Laying Mash (259)	20.44	20.00	4.43	3.00	*7.27	6.00	-----
THE QUAKER OATS COMPANY Chicago, Ill.							
Ful-O-Pap Laying Mash (47)	20.81	20.00	4.24	3.50	6.21	8.00	-----
RALSTON PURINA COMPANY St. Louis, Mo.							
Purina Broiler Chow (281)	19.00	18.00	4.57	3.50	5.84	7.00	-----
Purina Chick Growers (283)	18.69	17.00	4.01	3.00	5.82	7.00	-----
Purina Leyena (Complete Ration) (282)	16.25	15.50	4.27	3.00	6.72	8.00	-----
Chowmix Laying Mash F (14)	17.00	18.00	4.11	3.50	5.85	8.00	-----
THE RICHARDS MILLING COMPANY Cortland, Ohio							
Richard's Success Laying Mash (324)	20.31	18.00	4.94	3.00	7.79	8.00	-----

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RICHLAND FEED COMPANY Richlandtown, Pa.							
Richland All-Mash Starter & Grower (369)	17.75	16.00	4.41	4.00	6.12	8.00	-----
Richland All-Mash Starter & Grower (429)	18.31	16.00	4.52	4.00	6.74	8.00	-----
Richland Laying Mash (368)	18.13	18.09	4.88	4.00	5.64	7.00	-----
Richland Laying Mash (428)	19.06	18.00	5.09	4.00	6.09	7.00	-----
RICHMOND ELEVATOR COMPANY Richmond Furnace, Pa.							
Path Valley Egg Mash (38)	17.19	17.00	4.22	4.00	6.40	10.00	-----
Path Valley Starter & Grower (39)	15.75	16.00	3.86	4.00	6.12	10.00	-----
J. S. RILEY & COMPANY New Castla, Pa.							
Pionaar Growing Mash (139)	20.19	17.50	4.73	3.00	6.34	8.00	-----
Pionaar Laying Mash (140)	20.06	18.00	4.78	3.00	6.11	8.00	-----
ROARING CREEK MILL R.F.D. No. 1, Catawissa, Pa.							
Must Lay Egg Mash (91)	19.75	19.00	5.03	3.50	6.12	8.00	-----
Must Gro Growing Mash (92)	20.31	19.00	5.09	3.50	6.11	8.00	-----
Must Liv & Gro Chick Starter (94)	20.94	19.00	4.89	3.50	5.36	8.00	-----
S & R FEED COMPAN Quakertown, Pa.							
S & R Chick Starter (269)	19.63	17.00	4.75	5.00	6.41	7.00	-----
S & R Semi-Solid Buttermilk Mash (270)	16.56	18.00	4.59	5.50	8.86	8.00	-----
SACRAMENTO ROLLER MILLS Sacramanto, Pa.							
Sacromill Egg Mash (83)	19.84	20.00	5.57	3.00	7.57	7.00	-----
Daisy Egg Mash (86)	18.44	18.00	5.51	3.00	6.20	7.50	-----
Sacromill Growing Mash (84)	17.63	17.00	5.21	3.00	7.81	7.00	-----
SCOTLAND ELEVATOR COMPANY Scotland, Pa.							
Quality Chick Starter Mash (7)	18.69	18.00	4.36	4.00	6.63	6.00	-----
Quality Laying Mash (9)	20.81	20.00	4.53	4.00	7.75	7.50	-----
SHANK'S MILL Waynesboro, Pa.							
Shank's Laying Mash (21)	18.38	17.00	4.23	4.00	6.13	8.00	-----
SHELLY BROTHERS Parkasia, Pa.							
Shelly Bros. Quality Growing Mash (213)	20.38	17.00	5.59	3.50	7.82	7.50	-----
Shelly Bros. Quality Laying Mash (212)	20.94	20.00	5.42	4.00	7.09	7.00	-----
SHIEVER'S FEED STORE Prospect, Pa.							
Shiever's Spacial Egg Mash (143)	19.88	18.00	4.39	4.00	7.04	7.00	-----
R. A. SMITH MILLING COMPANY Northampton, Pa.							
Reason's Laying & Braedar Mash (107)	20.19	20.00	4.81	4.00	6.33	7.50	-----
Supreme Egg Mash (108)	19.44	19.00	5.04	4.50	7.81	7.50	-----
ESTATE OF GEO. S. SNYDER Hatfield, Pa.							
Snyder's Egg Mash (172)	19.50	17.00	4.80	4.00	6.72	6.50	-----
Snyder's Starting Mash (171)	19.31	16.00	4.96	4.00	6.22	6.00	-----
SOMERSET MILLING COMPANY Somarsat, Pa.							
Just Right Growing Mash (310)	16.81	17.50	4.83	4.00	6.67	6.50	-----
Just Right Laying Mash (313)	17.06	18.00	4.33	4.00	5.73	7.50	-----
Just Right Laying Mash (314)	18.13	20.00	4.52	4.00	6.12	7.00	-----
Just Right Starting Mash (311)	18.25	17.00	4.46	4.00	5.72	6.00	-----
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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
SPENCER MILLING COMPANY Thompson, Pe.								
Spencer Laying Mesh	(338)	21.19	20.00	4.76	2.50	6.41	7.00	-----
SPRING GARDEN MILL Newtown, Pa.								
Spring Garden Egg Mesh	(277)	21.75	20.00	5.32	5.00	6.83	7.00	-----
Spring Garden Turkey Developer	(278)	22.61	20.00	5.74	5.00	5.97	7.50	-----
STEARNS MILLS Kingsley, Pe.								
Stearns Special Laying Mesh	(334)	19.56	18.00	4.07	4.00	*8.68	7.00	-----
EDWIN F. STOVER ESTATE Perkasie, Pe.								
Stover's Diamond Chick Starter	(210)	19.06	17.50	5.02	4.00	6.24	7.00	-----
Stover's Diamond Laying Mesh	(209)	21.38	20.00	4.78	5.00	6.35	6.00	-----
STRAUBY'S RELIABLE FLOUR & FEED MILL Weissport, Pa.								
20% Complete Chick Starter	(196)	21.19	20.00	4.59	4.00	6.66	7.00	-----
20% Reliable Broiler Mash	(199)	22.69	20.00	4.93	4.00	5.37	7.50	-----
20% Reliable Egg Mash	(197)	21.25	20.00	5.03	3.50	5.92	7.50	-----
18% Reliable Growing Mesh	(198)	22.06	18.00	5.88	4.00	6.13	7.50	-----
SWINGLE BROTHERS Leke Ariel, Pa.								
Direct Laying Mesh	(346)	17.00	18.00	4.24	4.00	7.55	9.00	-----
W. B. THOMPSON & SON Waynesboro, Pa.								
Thompson Egg Mesh	(18)	18.19	17.00	3.59	3.00	7.46	7.50	-----
Thompson Chick Starter & Grower	(19)	18.13	19.00	3.59	2.00	7.65	7.00	-----
THRIFT FEED MILL, INC. Doylestown, Pe.								
Thriftee Growing Mash	(229)	20.56	18.00	4.71	2.50	6.66	8.00	-----
Thriftee Sterting Mesh	(230)	20.31	18.00	4.62	2.50	6.26	7.50	-----
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Real Egg & Breeder Mesh	(274)	19.94	20.00	4.88	4.00	7.04	6.50	-----
Real Egg & Breeder Mash	(425)	19.00	18.00	4.57	3.00	*8.40	7.00	-----
Real Turkey Growing Mash	(426)	20.44	20.00	4.43	3.00	6.31	8.00	-----
Real Turkey Starter	(275)	22.31	21.00	5.44	4.00	6.29	6.00	-----
VANDERVORT MILLS Leceyville, Pa.								
Vandervort's Buttermilk Mash	(289)	21.50	20.00	5.37	4.00	6.74	7.00	-----
Vandervort's Chick Grower	(288)	20.88	20.00	5.09	3.50	7.27	7.00	-----
Vandervort's Laying Mesh	(294)	19.25	20.00	4.71	4.00	7.91	8.00	-----
VOLANT MILLS Volant, Pe.								
Volant Mills 20% Egg Mash	(133)	22.00	20.00	4.72	4.00	7.17	7.50	-----
Volant Mills Sterting Mesh	(132)	19.31	18.00	4.97	4.00	6.62	7.00	-----
WM. H. WALL & SONS Ambridge, Pe.								
Well's Premium 18% Chick Starter	(147)	21.00	18.00	3.80	3.00	6.67	7.00	-----
Well's Premium 20% Egg Mash	(146)	21.00	20.00	4.61	3.00	7.46	8.00	-----
WAYMART MILLING COMPANY Weymart, Pe.								
Wey-Best Sterting & Growing Mesh	(329)	22.38	19.00	4.98	4.00	5.73	7.50	-----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

500-4-44

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HARRY J. WEIMER, JR. R.F.D. No. 3, Lewistown, Pe.							
Maitland Roller Mills Starter & Grower (244)	18.50	20.00	4.83	4.00	5.17	7.00	-----
H. G. WEST Slippery Rock, Pe.							
West's Special Egg Mash (134)	18.69	18.00	4.28	2.00	6.93	7.00	-----
C. S. WILLIS & SON Lemoyne, Pe.							
Willis' Best Laying Mash (200)	18.13	18.00	5.08	5.00	7.59	8.00	-----
WOODBURY MILLING COMPANY Woodbury, Pe.							
Crown Growing Mash (56)	16.00	16.00	4.27	4.00	7.00	8.00	-----
Crown Starting Mash (57)	16.13	17.00	4.51	4.00	6.67	7.00	-----
Crown 16% Laying Mash (55)	16.44	16.00	4.58	4.00	6.61	8.00	-----
C. E. WOOLEVER R.F.D. No. 1, Cetewissee, Pe.							
Millgrove Chick Starter (88)	19.56	18.00	3.51	2.00	5.67	7.00	-----
Millgrove 18% Egg Mash (89)	18.38	18.00	3.74	2.00	6.86	7.00	-----
Millgrove Growing Mash (87)	16.88	16.00	4.04	2.00	6.61	7.00	-----
F. S. YOST'S SON Pleasant Valley, Pe.							
Yost's S. P. Mash (266)	16.69	17.00	4.54	3.00	7.00	8.00	-----
Yost's Mester Mix Starter & Grower (267)	18.69	16.00	3.23	2.00	7.30	7.00	-----
Yost's Turkey Grower (268)	19.13	18.00	3.10	2.00	5.03	7.00	-----
ZELLERS LABORATORIES Reading, Pe.							
Vita-Gee (201)	32.38	32.00	4.97	0.50	4.33	4.50	-----
Average	19.88	----	4.49	----	6.62	----	
<u>Proprietary Small Animal Feed</u>							
AMERICAN CRAB MEAT COMPANY, INC. Boston, Mass.							
Three Little Kittens (Cat Food) (412)	17.53	17.80	0.45	0.50	0.13	0.10	-----
CANINE VITA FOODS COMPANY Upper Derby, Pe.							
Canine Vite-Diet (439)	14.38	12.09	*4.06	7.71	*1.30	0.68	-----
THE CANINE VITA CANDY COMPANY, INC. Northwale, N. J.							
Charge (373)	8.31	7.00	8.22	8.00	0.53	1.00	-----
CHAMPION ANIMAL FOOD COMPANY Minneapolis, Minn.							
Champion Dog Snacks (1)	26.28	18.00	4.09	3.50	2.06	3.00	-----
CLARK'S FEED MILLS Shamokin, Pe.							
Clerk's Rabbit Feed (455)	16.31	13.50	3.80	3.00	8.91	10.00	-----
COAST FISHING COMPANY Wilmington, Calif.							
Puss'n Boots Cat Food (280)	12.90	12.00	*1.87	3.00	0.62	1.00	-----
Puss'n Boots Cat Food (437)	*10.34	12.00	6.02	3.00	0.85	1.00	-----
COASTAL CANNING COMPANY, INC. Philadelphia, Pe.							
"Chips" Dog Food (380)	*7.09	10.00	5.00	2.00	*6.15	1.00	-----

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		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HYGRADE FOOD PRODUCTS New York City, N. Y.								
Hy-Gea Dog Food	(234)	9.02	8.00	2.11	2.00	0.70	1.25	-----
THE KENNEL FOOD SUPPLY COMPANY Fairfield, Conn.								
K F S (Cero Meeto)	(374)	22.31	20.00	2.22	2.00	1.65	2.50	-----
M & S PRODUCTS COMPANY Vineland, N. J.								
Chicken Dinner for Dogs	(443)	10.50	8.00	6.20	2.00	*1.68	1.00	-----
S. E. MIGHTON COMPANY Bedford, Ohio								
Leopard Dog & Cat Food	(444)	9.60	8.00	*1.03	2.00	1.01	1.25	-----
NATIONAL PACKING CORPORATION Boston, Mass.								
Kitty Snicker Cat Food	(438)	16.29	15.00	0.61	0.31	0.30	1.00	-----
HERBERT A. NIEMAN & COMPANY Thienvilla, Wis.								
Metaor	(381)	11.07	10.00	3.77	2.50	0.71	1.00	-----
NYPANE DISTRIBUTING COMPANY New York, N. Y.								
Clipper Dog & Cat Food	(441)	28.19	25.00	2.22	2.00	3.03	4.00	-----
READY FOODS COMPANY, INC. Chicago, Ill.								
Hi-Life (Dog Food Kibbled Biscuit)	(411)	30.88	27.00	*1.16	3.00	3.21	3.00	-----
J. S. RILEY & COMPANY New Castle, Pe.								
Tri Blend Dog Food	(141)	25.31	24.00	4.74	3.00	2.69	6.00	-----
SMITHSTONE KENNEL SUPPLY COMPANY Dublin, Pe.								
Inky (Cat & Dog Food)	(375)	19.80	19.00	7.55	7.00	0.15	0.20	-----
C. A. SWANSON & SONS Omaha, Neb.								
Strut	(440)	*8.24	10.00	3.21	3.00	0.62	1.00	-----
Average		16.01	----	3.60	----	1.37	----	
<u>ANIMAL BY-PRODUCTS</u>								
<u>Meat and Bone Screps</u>								
DARLING & COMPANY Cincinnati, Ohio								
Darling's 50% Meat & Bone Screps	(59)	49.00	50.00	4.98	3.00	2.20	3.00	-----
FARMERS UNION COOPERATIVE, INC. Greencastle, Pe.								
Meat Scrap	(392)	45.94	----	17.06	----	2.64	----	-----
ROBERT A. REICHARD, INC. Allentown, Pe.								
Raichard's Beef & Bone Scrap	(376)	*42.19	45.00	9.62	9.00	1.26	3.00	-----
Reichard's 50% Beef Scrap	(377)	*43.19	50.00	10.94	9.00	1.84	3.00	-----
Reichard's 50% Beef Scrap	(430)	*46.75	50.00	9.49	9.00	2.46	3.00	-----
CHARLES R. SHOEMAKER, INC. Philadelphia, Pa.								
Belgrede Brand 50% Meat & Bone Scrap	(435)	*46.69	50.00	6.73	6.00	1.44	2.00	-----

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	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
M. L. SHOEMAKER COMPANY Philadelphia, Pa.							
Shoemaker's Swift-Sure 50% Ground Meat & Bone Scrap for Poultry (202)	50.38	50.00	8.97	6.00	1.41	3.00	-----
Shoemaker's Swift-Sure 50% Ground Meat & Bone Scrap for Poultry (216)	46.88	50.00	8.97	6.00	1.73	3.00	-----
Average	46.38	----	9.60	----	1.70	----	
Fish Meal							
VALLEY DEHYDRATING COMPANY Kingsburg, Calif.							
Bee-Gee Balanced B-G Fish-Trace (246)	40.06	40.00	5.51	3.00	11.86	13.00	-----
Average	40.06	----	5.51	----	11.86	----	
Blood Meal							
ROBERT A. REICHARD, INC. Allentown, Pa.							
Reichard's Blood Meal (379)	72.13	80.00	2.51	0.50	1.09	1.00	-----
Average	72.13	----	2.51	----	1.09	----	
Tankage							
ROBERT A. REICHARD, INC. Allentown, Pa.							
Reichard's 50% Digester Tankage (378)	44.69	50.00	8.02	5.00	1.13	4.00	-----
Reichard's 50% Digester Tankage (431)	43.81	50.00	11.54	5.00	1.06	4.00	-----
HOWARD WALKER & SON R.F.D. No. 2, Newtown, Pa.							
H. W. Meet Meal Tankage (279)	53.44	55.00	10.14	10.00	1.73	2.00	-----
Average	47.31	----	9.90	----	1.31	----	

